

# Marathi Vidnyan Parishad

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## Vidnyan Sanshodhan Puraskar Contest – 2010

- (1) The contest is aimed at promoting interest for research amongst the youngsters. There are three annual awards each of Rs. 10,000 for this contest. The awards are named as (i) Parashuram Bajee Agashe Vidnyan Sanshodhan Puraskar, (ii) Leela Parashuram Agashe Vidnyan Sanshodhan Puraskar and (iii) Sharad Naik Vidnyan Sanshodhan Puraskar.
- (2) The contest is open to everybody who is less than 25 years of age and has passed Secondary School Certificate examination but does not possess any degree. Anybody, irrespective of whether he is studying in college or not, can participate in this contest. Those, who are going to college, can be student of any of the discipline.
- (3) The project to be submitted has to be science- or technology-based. Language for the submission of the project can be Marathi/English/Hindi.
- (4) A contestant has to send one copy of detailed project work. The project work may be in any of these forms – handwritten / typewritten / printed with the aid of computer. There is no limit over the length of the draft. But it should be lucidly written.
- (5) The project work should be accompanied by application form, a copy of which is attached to this information brochure. Entry fee for the application is Rs. 150/-. The entry fee may be sent by a Demand Draft along with the project work and application form. Contestants from Mumbai can send the entry fee by cheque or in cash. Cheque or Demand Draft should be drawn in favour of 'Marathi Vidnyan Parishad' or 'मराठी विज्ञान परिषद'.
- (6) The conditions mentioned in clause no. 2 should be satisfied on the day of application.
- (7) Last date for submission of the projects is December 31, 2010.
- (8) Project can be taken up as a group activity and can have more than one participant associated with it. But total number of participants should not exceed four. Same participant can be associated with more than one project.
- (9) Work mentioned in the project should have been carried out exclusively for this contest and not for any other similar purpose. (e.g. in the case of college-going participants, the project being submitted in the contest should not be the same as that taken up as a project work or assignment for submission in the college/institute.) Each participant has to sign on a declaration, a copy of which is attached to this information brochure. If the participant is a college student, the declaration should be endorsed by Head of the Department of his/her college. For the participants who are not going to college, the endorsement will be by mentor/guardian of the participant.

- (10) One can re-submit the project in a revised form, but has to do so, on or before the last date of application. The revised project should accompany a letter signed by all of the contestants justifying the revision. It is necessary to send a fresh application form with the required modifications incorporated, along with the revised project work. Repayment of entry fee is not required along with this revised project. If submitted in the revised form, there can be additional participants. But in any case, total number of participants for each application should not exceed four. New participant will have to satisfy the conditions mentioned in Clause no. 2 at the time of application of the revised project. Revised project will have to accompany a fresh declaration as described in clause no. 9 signed by all participants. It will require to be countersigned by concerned Head of Department/mentor/ guardian, as mentioned in the same clause.
- (11) The project, which is submitted in the earlier years, but could not be presented before the examiners due to some unavoidable reason, can be resubmitted as a fresh project this year. In that case, it will be treated as a fresh project and has to meet all the existing norms. Such project should accompany fresh application form and existing entry fees also.
- (12) There will be a preliminary scrutiny before the presentation of the projects to verify whether the submitted project meets the norms or not. This preliminary scrutiny will also serve as elimination round for rejecting sub-standard projects. Intimation regarding the acceptance of the project for final presentation and the date of final presentation will be communicated to the participants within a month after the last date for application.
- (13) Final presentation will be in Mumbai. Marathi Vidnyan Parishad will bear travel expenses for up to two of the outstation participants for each of the applications selected for final presentation. The reimbursement of the travel expenses will be according to the general norms set by Marathi Vidnyan Parishad. Participant representing two or more projects will not get multiple reimbursement.
- (14) Maximum duration for each presentation will be 15 minutes. Presentation will be followed by queries from the examiners. Language for the presentation of the project can be in Marathi/English/Hindi. Actual presentation of the project will be by a single participant only. However, queries from the examiners can be answered by any of the co-authors. Presentation can have additional (but relevant) information than that rendered in the body of the project. No name of a new participant, whose name has not been included in the original application, can be added in the final presentation. However, participants can acknowledge any number of their colleagues during the presentation.
- (15) Various factors that will be considered for the assessment are (i) originality of the project, (ii) objective of the project, (iii) clarity about the concept behind the project, (iv) innovative ideas involved, (v) methodology (references studied, observations, efforts taken), (vi) quality of the results, (vii) interpretation of the results, (viii) applicability or usability of the project, (ix) presentation, (x) cost and time involved, etc.
- (16) If the number of projects submitted is small and/or the projects are sub-standard, number of awards may be reduced to less than three.
- (17) Awards will be distributed at anniversary day celebration. Awardees will have to present the projects before the attendees of the function. Duration of the presentation will not be more than 10 minutes. Since the anniversary function is

attended by science lovers from diverse fields, the project should be presented in a simple language that can be understood by all. As far as possible, presentation following the award distribution should be in Marathi.

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### **Some of the earlier projects from the contest (Examples)**

- Bacillus as a novel probiotic in poultry and aquaculture
- Characterisation of Rauwolfia Tetraphylla
- Effect of biofertilizers on Lady's Finger
- Effect of high magnetic field on flames
- Effect of used tea leaves or tea powder on the growth of rose plants
- Enzyme that degrades cellulose
- Estimation of Ni(II) using 2-mercaptobenzothiozole
- Formation of H<sub>2</sub> using electrolysis of water, powered by solar cell
- Generating an efficient time table for educational institutes using 'graph theory'
- Low calorie biscuits from banana peel
- Low cost method for synthesis of biodiesel
- Management of waste from college laboratories
- Observing Little Green Bee-eater
- Production of biodegradable plastic
- Simple model of discharge tube
- Soyabean as energy-booster and substitute of coffee powder
- Study of microorganisms that exist near the roots cluster bean
- Study of planktons from Bordi area
- Study on diversity of rotifers in Pune
- Synthesis of pure ethanol from common fruits of Konkan region

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(1) Title of the project: \_\_\_\_\_

\_\_\_\_\_

(2) Whether the project is being resubmitted (Yes/No): \_\_\_\_\_

(If so, date of earlier submission: \_\_\_\_\_)

(4) Abstract of the project work: \_\_\_\_\_

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\_\_\_\_\_

(5) Signatures of participants:

Signature:  Name:	Signature:  Name:
Signature:  Name:	Signature:  Name:

**DETAILS ABOUT THE PARTICIPANTS**

(1) Name: \_\_\_\_\_

(2) Birth Date: \_\_\_\_\_

(3) Educational details: \_\_\_\_\_

(4) Occupation: \_\_\_\_\_

If student, then name and address of the college: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PIN: \_\_\_\_\_

(5) Address for correspondence: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PIN: \_\_\_\_\_

(6) Tele. no.: \_\_\_\_\_ (6) Email ID: \_\_\_\_\_

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*(Attach an additional copy of this sheet for more number of participants)*

